

ABSTRACT OF THE DISCLOSURE

A multiple-component fluid mixture is separated by feeding the fluid mixture into a chamber of a vessel through an inlet, the chamber being at least partially bounded by a peripheral wall and the chamber also communicating with an outlet. The fluid mixture includes a heavy component and a light component. The vessel is rotated about a rotational axis extending through the vessel such that the heavy component collects toward at least a portion of the peripheral wall of the vessel and the light component collects toward the rotational axis. The light component is removed through the outlet channel. The heavy component is removed through a conduit disposed within the chamber, the conduit extending from the heavy component toward the rotational axis and out of the vessel.

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